



KEENE, NEW HAMPSHIRE, 03431 U.S.A.

Dpm 1432

MATERIAL SAFETY DATA SHEET

PART NO. _____

SECTION I: MATERIAL AND MANUFACTURER IDENTIFICATION

MANUFACTURER'S NAME MARKEM CORPORATION		EMERGENCY TELEPHONE NO. (603) 352-1130
ADDRESS (NUMBER, STREET, CITY, STATE AND ZIP CODE) 150 Congress Street, Keene, New Hampshire 03431		
CHEMICAL NAME AND SYNONYMS		TRADE NAME AND SYNONYMS MARKEM'S 8655 SERIES OF INKS
CHEMICAL FAMILY	FORMULA	PROPRIETARY MARKING INK COMPOUND

SECTION II: HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES/SOLVENTS	%	TLV (UNITS)	ALLOYS AND METALLIC COATINGS	%	TLV (UNITS)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS 50% triethyl phosphate 50% M.T.A. maximum	60%		FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					
HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES				%	TLV (UNITS)
MATERIALS IN THIS PRODUCT CLASSIFICATION CONTAIN NO MATERIALS					
CONSIDERED HAZARDOUS PER OSHA REGULATIONS OCTOBER 18, 1972.					
DATA GIVEN BELOW IS FOR SOLVENT PORTION					

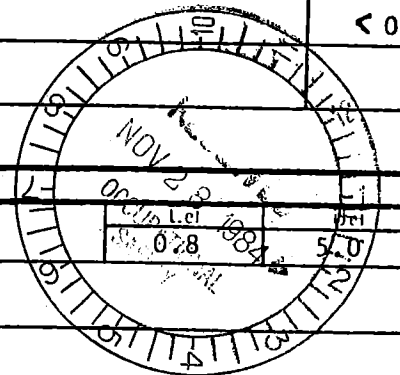
SECTION III: PHYSICAL DATA

BOILING POINT (°F)	246.7°C	SPECIFIC GRAVITY (H ₂ O = 1)	< 0.9
VAPOR PRESSURE (mm Hg.)	< 0.01	PERCENT VOLATILE BY VOLUME (%)	
VAPOR DENSITY (AIR = 1)	7.0	EVAPORATION RATE (Butyl Acetate 1)	< 0.01
SOLUBILITY IN WATER	6.5		

APPEARANCE AND ODOR
Water-white liquid, mild and nonresidual

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED)	240°F. C.O.C.	FLAMMABLE LIMITS Calculated
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EXTINGUISHING MEDIA
Carbon dioxide or dry chemicalSPECIAL FIRE FIGHTING PROCEDURES
NONEUSUAL FIRE AND EXPLOSION HAZARDS
NONE

SECTION V: HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE

Not applicable

EFFECTS OF OVEREXPOSURE

Prolonged breathing of vapor may be irritating and may cause nausea and vomiting. May cause mild skin and eye irritation.

EMERGENCY AND FIRST AID PROCEDURES

Remove to fresh air. Flush skin and eye contact with plenty of water.

SECTION VI: REACTIVITY DATA

STABILITY	UNSTABLE		CONDITIONS TO AVOID
	STABLE	X	

INCOMPATIBILITY (MATERIALS TO AVOID)

Avoid strong acids or alkalies.

HAZARDOUS DECOMPOSITION PRODUCTS

NONE

HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	NONE

SECTION VII: SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Flush away spills with water.

WASTE DISPOSAL METHOD

Incinerate in a furnace.

SECTION VIII: SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION (SPECIFY TYPE)

Air-supplied mask.

VENTILATION	LOCAL EXHAUST		SPECIAL
	MECHANICAL (GENERAL)	Acceptable	OTHER

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Goggles

OTHER PROTECTIVE EQUIPMENT

Safety shower and eye bath.

SECTION IX: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

OTHER PRECAUTIONS